

XP-002097795

I/I - (C) WPI / DERWENT  
AN - 72-65506T q411  
PR - SU70 439308 700522  
TI - Cellulose esters - by treating cellulose with a simple  
or mixed alkylating agent and sulphating with a  
fluorosulphonate  
IW - CELLULOSE TREAT CELLULOSE SIMPLE MIX ALKYLATED AGENT  
SULPHATED FLUOROSULPHONATE  
PA - (MOS -N) MOSCOW GUBKIN PETROCHEMIC  
PN - SU328094 A 000000 DW7241 000pp  
ORD - 1900-00-00  
IC - C08B13/00  
FS - CFI  
DC - All  
AB - SU-328094 Cellulose esters are prepd. by treating  
cellulose with an alkylating, hydroxyalkylating or  
carboxymethylating agent in aq. alkali, and the  
sulphate group introduced by simultaneous or subsequent  
treatment with ammonium or alkali metal fluorsulphate,  
e.g. in an organic solvent such as benzene plus  
ethanol. The products have improved solubility in  
various solvents. Thus a methyl cellulose dissolves in  
water at a degree of substitution of 170, and  
cellulose sulphate at one of 45, while methyl cellulose  
sulphate does so when the degree of substitution by  
methoxy groups is 26, and by sulphate groups 12.